

MUSIC MAKERS

A UVic grant of \$2,000 to Dr. Ian Bradley (Education) is partly responsible for an infusion of music into the curriculums of two Victoria elementary schools.

The UVic contribution has purchased a set of Carl Orff instruments — such as metallophones and xylophones — for each of the Lake Hill and Uplands elementary schools. A grant of \$5,000 from the Educational Research Institute of B.C. is paying the salaries of two research assistants for the two year duration of Dr. Bradley's project.

"The teaching of music in many schools is haphazard," Dr. Bradley explained. "It is often taught by classroom teachers who may not be very well qualified."

Dr. Bradley's experiment, which began last October, is an attempt to show how music can evolve from being merely a recreational pastime to being a creative force in a child's life. The instruments he chose are those developed by German composer and music educator Carl Orff.

"The children are going to learn to create from square one. Most don't know any music now, but in two years we hope they will be writing music, performing it and listening to their own pieces."

The research assistants each attend one school for the equivalent of one full day a week. During this time, Dr. Bradley said, they instruct six separate classes, from grade two to grade seven. One assistant has a Bachelor of Music, the other is working towards it. Both have teaching certificates.

"The research assistants operate in two capacities. They are there to teach the kids and also to provide in-service training for the teachers. For another two periods of the week the teacher tries to replicate what went on. The teachers are learning along with the kids."

For students such as the Uplands grade four class, Dr. Bradley's method means first of all a thorough introduction to rhythm.

Spoken words can be used to demon-



Carl Orff instruments intrigue grade four students at Uplands school.

strate rhythm, Dr. Bradley said. This knowledge can then be applied to the instruments.

All the instruments are of the keyboard variety. "They are not toys," Dr. Bradley stressed, "they are really beautiful instruments." In most classes there is one instrument per child.

As instruction progresses, children are taught the pentatonic scale and, having mastered this vocabulary of five notes, are able to write various combinations of notes and play the resulting melodies. Later they will move on to major, minor and chromatic scales.

"Even for those students studying music outside of school this is different — the thrust is definitely creating music.

"I think young children are innately creative and experience in schools tends to minimize that. Merely singing songs and playing records — this turns kids off. And for the price of one piano you can purchase 16 to 18 Orff instruments."

Dr. Bradley added that recreational music has a lot of dropouts: "Barely five per cent of students elect to take music in high school.

"However, I believe creativity is not contaminated by knowledge — they must first learn about rhythm, for example."

At the end of his project, Dr. Bradley plans to measure the level of oral and visual perception of his two groups of children through standardized achievement tests. The results will be compared with those obtained by a random sample of students from the Island and lower mainland who have studied two years of music in a more conventional manner.

"I did a pilot study of grade four students two years ago with highly significant results. The development of the ear and eye was much greater than that of the control groups, where there was very little change."

A further challenge facing Dr. Bradley is whether teachers who are not music specialists would be able to conduct courses in creative music.

"We are confronted with the problem of how to teach the teachers," Dr. Bradley is investigating that problem through weekly seminars with the research assistants and the Uplands and Lake Hill teachers. He is also considering making video tapes of



Dr. Ian Bradley picks out a tune.

some of the classes.

Looking ahead, Dr. Bradley hopes his work may lead to a re-evaluation of the whole process of music education.

"I am looking for the day when children can create their own music and clothe it in harmony.

"I believe music education should do that. The child creates, plays and listens to music with a greater degree of perception and interest — because it's *his*."

VALENTINE PANEL

"Sexism in Education" is the topic of what is likely to be a lively panel discussion sponsored by the UVic Women's Action Group in cooperation with the Faculty of Education February 14.

Scheduled for 4 p.m. in room 168 of the Elliott Building, the discussion will also be open to questions from the audience.

According to organizer Connie More, the choice of Valentine's Day was for "obviously sentimental reasons."

But a preview of statements from the five panelists, each representing a slightly different position and area of interest, appears anything but sentimental.

Principal, Janet N. Mort: "... people come in and wonder why the secretary is sitting in the principal's office ..."

Teacher, Bob Tomlinson: "... we've got to stop treating women as second class citizens ..."

Education student, Kay Briggs: "... we're told to expect certain abilities and preferences in boys; other things for girls ..."

Parent, Mimi Robertson: "... boys can take cooking class now, but they learn how to make pizza, and the girls are taught how to nourish families ..."

Educational Psychologist, Don Knowles: "... boys get abused in early grades ..."

Further information regarding the panel discussion may be obtained from Ms. Connie More at 477-9972 or Dr. Don Knowles in the Faculty of Education.

NORAD GENERAL SPEAKS

The Deputy Commander in Chief of NORAD (North American Air Defense Command) will visit the UVic campus February 15 to address a class of Dr. Reginald Roy (History).

Lieutenant General Reginald J. Lane, DSO, DFC, CD, of the Canadian Armed Forces assumed his NORAD post September 1, 1972. A native of Victoria, General Lane acts as principal advisor to the NORAD Commander-in-Chief and directs the actions of all NORAD forces during the absence of the Commander-in-Chief.

Headquarters for NORAD, an international command of United States and Canadian air defense forces, are at Ent Air Force Base, Colorado.

Following his education in Victoria, General Lane joined the Royal Canadian Air Force in 1940 and on completion of pilot training was commissioned and sent overseas in 1941.

He completed three tours of operations from England with Bomber Command, and before returning to Canada in June 1946, was awarded the Distinguished Service Order, the Distinguished Flying Cross and Bar and "mentioned in despatches."

Following the war, General Lane served the Air Force in a variety of capacities throughout Canada. In January 1966 he became Chief of Staff at NATO, assigned 1 Air Division headquarters in Metz, France. In August 1966 he was appointed Commander of 1 Air Division, while under his command the Division Headquarters and field units moved from France to Lahr, Federal Republic of Germany in April 1967. In August 1969, General Lane assumed the duties of deputy commander, Mobile Command, with headquarters at Canadian Forces Base Montreal, Quebec.

He was appointed to his present rank August 1, 1972, one month before his NORAD appointment.

PROFESSORS EMERITI

The title of Professor Emeritus has been awarded to Donald J. MacLaurin, J. Beattie MacLean and Béangère B. Steel. Announcement of the awards was made at the December 12 meeting of the Senate.

Donald James MacLaurin retired as Professor of Chemistry in 1973. Associated with the University and Victoria College since 1961, he served as Acting Head of the Department of Chemistry and Assistant to the Acting Dean of Arts and Sciences, and was Vice President of the University and Dean of Academic Affairs at the time of his retirement.

Dr. MacLaurin was involved in the pulp and paper industry for some 25 years as a chemical engineer in technical and management capacities. Among numerous other achievements both in industry and community, Dr. MacLaurin contributed many articles to scientific journals and has written for the United Nations Food and Agricultural Organization. Dr. MacLaurin grew up in Victoria and graduated from U.B.C. in 1932.

Dr. J. Beattie MacLean was head of UVic's Department of Germanic Languages and Literature until his retirement last year.

A graduate of U.B.C. with a B.A. (Honours) in 1928 and the University of Washington with an M.A. in 1935 and Ph.D. in 1952, Dr. MacLean has a distinguished career as a teacher both at the university and high school level.

Coming to Victoria College in 1956, he served as Associate Professor of German until 1962 when he obtained his UVic post. While with Victoria College, Dr. MacLean also established the college's Counselling Office, which he supervised for five years.

During his term at UVic, Dr. MacLean was elected president of the Canadian Association of University Teachers of German and also of the Canadian Germanic Academic Exchange Association. He served on the University Senate from 1971 until his retirement.

Béangère B. Steel retired as Associate Professor in UVic's Department of French Language and Literature in 1973. How-

ever, she is currently instructing a senior course in the Division of Continuing Education's French Language Diploma Program.

Born in Cairo, Egypt, Professor Steel graduated from the Université de Paris (Sorbonne) in 1932. Before coming to Victoria College in 1953 as a special lecturer in the Department of Modern Languages, she taught in Paris and Cairo.

In 1961 Professor Steel became Senior Instructor without term and in 1964 she was named Assistant Professor in the UVic French Department.

Professor Steel was co-editor with Professor S. Jackman of *Romanoff Relations* (London, Macmillan's 1969), and more

recently researched the letters of the Grand Duke Constantine and various members of the Russian Imperial Family.

In other business, the Senate, acting on a recommendation from the Senate Committee on Honorary Degrees and Other Forms of Recognition, decided to open membership in the Convocation to all persons who have completed in satisfactory standing at least one full year of Victoria College.

The cut-off date for persons to be eligible for such a list would be with the founding of the University of Victoria in 1963. Names will be added to the Convocation Roll upon application to the Registrar.

John Gofman of Dublin, California, co-author of *Poisoned Power: The Case Against Nuclear Power Plants*; Mr. Dan Ford, an economist from the Massachusetts Institute of Technology, representing the Union of Concerned Scientists; Dr. W. Bennett Lewis, Queens University, Kingston, the former vice president, research and development, Atomic Energy of Canada Ltd.; Mr. Walter Patterson, a member of Friends of the Earth, London, England; and Dr. George Griffiths, a nuclear physicist with the Ministry of State: Science and Technology.

Dr. Pearce, who has been instrumental in the B.C. universities' TRIUMF project worked for 11 years at Chalk River before coming to UVic.

The conference was recorded by the Metro Media Association of Vancouver.



Bernie Cox discusses the proposed route around campus with double decker bus driver. The bus will transport visitors from the Cornett-Sedgewick parking lot to the Student Union Building, Gymnasium, Buildings H and O and the Phoenix Theatre area at UVic Open House March 9 and 10.

U.S. TAX ASSISTANCE

United States taxpayers in B.C. will receive a special service this year from the U.S. Internal Revenue Service and the U.S. Consulate General in Vancouver.

Two Income Tax Assistance Seminars will be held in Vancouver to aid American taxpayers with the preparation of their U.S. tax returns.

The seminars will be held on the Mezzanine floor of the Georgia Hotel, 801 West Georgia Street, Vancouver.

The first seminar, scheduled for Wednesday, February 20 from 2 to 4 p.m., is to assist American businessmen, U.S. Government employees and other employed or self-employed U.S. citizens or U.S. resident aliens working in B.C.

NUCLEAR POWER PANEL

Dr. Michael Pearce (Physics) will be one of six panelists discussing "Nuclear Power and You" on Cable Ten, Friday, February 8 beginning at 6 p.m.

The discussion, sponsored by the provincial government, was filmed in Vancouver December 1, 1973. It was conducted as a public forum before an audience of 700.

On the Friday night presentation each panelist speaks for 20 to 30 minutes on his area of expertise and interest. This will be followed by a one hour discussion among the panelists. The remaining two hours of the presentation are devoted to questions from the audience.

Joining Dr. Pearce on the panel are Dr.

Faculty News

ARTS AND SCIENCE

Volume 10 of *Current Trends in Linguistics* has now come out. It deals with *Linguistics in North America*, with a special section on Canada: *English* by W.S. Avis, R.M.C., Kingston; *French* by J.-P. Vinay (UVic), Gaston Dulong (Laval) and Ernest F. Haden (U. of Texas); *Other Languages of European Origin* (J.B. Rudnyckyj, Manitoba); *Amerindian Languages* (Several researchers, amongst whom are Mary Hess, Harry Hoijer and William Bright). Funds for the section on Canada came from a Canada Council Grant. Numerous grants from other sources supported the production of the volume.

Volume 10 originally planned with a maximum of 800 pages, finally numbered 1600 pages and had to be split into two tomes; the Editor in Chief was Professor Thomas A. Sebeok, from the Research Center for the Language Sciences, Indiana University; the Associate Editors of the volume were William Bright, Dell Hymes, John Lotz (t), Albert H. Marckwardt and Jean-Paul Vinay. Dean Vinay was responsible for the Canadian chapters and contributed an 85 page chapter on "Le français en Amérique du Nord: Problèmes et Réalisations" and the Bibliography (pp. 441-463).

The mammoth Encyclopaedia is thus nearing completion. It will have 13 volumes and an Index (and possibly as many as 20 tomes); at least 5 volumes have been

split into two or three tomes. The first volume appeared in 1967 and the last should be out by 1975. It will be remembered that Volume 8 (*Linguistics in Oceania*) was prepared with the help of Professor Geoffrey O'Grady, from the Department of Linguistics, in his capacity of Assistant Editor.

ECONOMICS

Dr. Gordon Bertram has published in the most recent issue of the *Canadian Journal of Economics* the article "The Relevance of the Wheat Boom in Canadian Economic Growth."

MATHEMATICS

Dr. M. Shinbrot was recently invited to deliver addresses at three eastern universities. He spoke on the topic "Surface waves under gravity" at SUNY at Buffalo on January 21, 1974, at McMaster University on January 22, and at the Clarkson Institute of Technology in Potsdam, New York on January 24.

Dr. D.D. Olesky, Dr. Rekha Panda, and Dr. H. Srivastava presented papers to the eightieth annual meeting of the American Mathematical Society held in San Francisco on January 15-18.

Dr. Olesky spoke on "Non-free groups generated by two 2-by-2 matrices," written by himself, Dr. R.A. MacLeod, and Dr. J.L. Brenner. The work began when Dr. Brenner, of Palo Alto, California, visited the Department in March 1972.

Dr. Panda and Dr. Srivastava presented a joint paper entitled "Some bilateral generating relations for a class of generalized hypergeometric polynomials".

Another paper, "Covering theorems for finite nonabelian simple groups," prepared by Dr. J. Riddell jointly with Dr. J.L. Brenner of Palo Alto and R.M. Cranwell of Arizona State University, was presented at the same meeting by Mr. Cranwell.

AROUND THE RING
UNIVERSITY OF VICTORIA NEWSLETTER
VICTORIA, BRITISH COLUMBIA

Coming Events

FRIDAY, February 8

- 12:30 pm Student Recital. MacLaurin 144. May-Ling Kwok, pianist.
- 2:00 pm Lecture, Department of Psychology. Cornett 170. Dr. K. Warner Schaie, Gerontology Section, Department of Psychology, USC "Age Changes in Intellectual Function: Fact or Myth?"
- 3:30 pm Lecture, Department of Psychology. Cornett 170. Dr. Michael Corballis, Professor of Psychology, McGill University will present a talk "Sensation, Perception and Memory".
- 7:00 pm Cinecenta films. MacLaurin 144. "The Ballad of Cable Hogue", Flash Gordon Series.
- 8:00 pm Theatre. Phoenix Theatre. "Joan of Arc—A New Version in Movement and Mime". Admission—\$2, Students and O.A.P.—\$1.

SATURDAY, February 9

- 1:00 pm Rugby. Gordon Head. WWSO vs Norsemen.
- 2:15 pm Soccer. Heywood Park. Vic West vs UVic.
- 2:30 pm Rugby. Centennial Park. WWSO vs Vikings.
- 2:45 pm Women's Field Hockey. Windsor Park. Vagabonds vs Evergreens.
- 2:45 pm Women's Field Hockey. Beacon Hill, Vikettes vs Pirates.
- 7:00 pm Cinecenta. MacLaurin 144. "Mill-house".
- 8:00 pm Theatre. Phoenix Theatre. "Joan of Arc—A New Version in Movement and Mime". Admission—\$2.

SUNDAY, February 10

- 1:00 pm Rugby. Windsor Park. Saxons vs OBW.

TUESDAY, February 12

- 12:30 pm Lecture, Faculty of Fine Arts and Department of History in Art. MacLaurin 144. Second of three lectures on "Canadian Painting in the Twentieth Century by Colin G. Graham.
- 7:30 pm Lecture, Department of Bacteriology and Biochemistry. Lansdowne 117. "DNA Polymerase in the Intestinal Mucosa", Professor S.H. Zbarsky, Department of Biochemistry, UBC.
- 7:30 pm CUPE WORKSHOP. Cornett 108.
- 8:00 pm Faculty and Staff Badminton. UVic Gymnasium.

Next Deadline

Friday, One week before publication
 Published every Friday
 By University Relations Office
 Editor: Maurice Cownden

WEDNESDAY, February 13

- 7:00 pm Faculty and Staff Chess. Clearihue 128.
- 8:00 pm Music. MacLaurin 144. John Smith, percussion, degree recital in partial fulfilment of the requirements for the Master of Music degree.

THURSDAY, February 14

- 4:00 pm Panel Discussion. Elliott 168. UVic Women's Action Group in cooperation with Faculty of Education will have a panel discussion "Sexism in Education".

FRIDAY, February 15

- 12:00 am Music at Noon. MacLaurin 144.
- 3:30 pm Lecture. Department of Psychology. Cornett 170. Dr. John Scull, will present some of the findings from his most recent research. Dr. Scull is a Psychologist at Cedar Lodge Residential Centre for Boys, Cobble Hill, B.C.
- 6:30 pm Women's Basketball. UVic Gymnasium. Alberta vs Victoria.
- 7:15 pm Cinecenta films. MacLaurin 144. "Bedazzled", with Raquel Welch.
- 8:30 pm Men's Basketball. UVic Gymnasium. Alberta vs Victoria.

SATURDAY, February 16

- 1:00 pm Women's Field Hockey. Beacon Hill. Vikettes vs Mariners.
- 1:00 pm Women's Field Hockey. UVic. Vagabonds vs Sandpipers.
- 1:00 pm Rugby. Gordon Head. CFB vs Norsemen.
- 2:15 pm Soccer. Centennial Stadium. UVic vs London Boxing.
- 2:30 pm Rugby. Windsor Park. Vikings vs OBW.
- 6:30 pm Women's Basketball. UVic Gymnasium. Alberta vs Victoria.
- 7:15 pm Cinecenta films. MacLaurin 144. "Bedazzled", with Raquel Welch.
- 8:30 pm Men's Basketball. UVic Gymnasium. Alberta vs Victoria.

SUNDAY, February 17

- 1:00 pm Rugby. Gordon Head. JBAA vs Saxons.



UNIVERSITY OF VICTORIA
VICTORIA, BRITISH COLUMBIA

RECEIVED

FEB 28 1974

DEAN OF ARTS AND SCIENCE
UNIVERSITY OF VICTORIA

University Relations Office
February 27, 1974

Dean J.-P. Vinay
Faculty of Arts and Science
MacLaurin Building
University of Victoria

Dear Dean Vinay:

Thank you for your letter of February 19 with regard to the use of accents in the reproduction of stories in French and other languages in Around the Ring.

It is indeed unfortunate that the accents were omitted in Volume 3, #14 of February 8 particularly in view of the fact that the staff in University Relations has been particularly conscious of this aspect of the production of the publication. The proper accents were in place when the copy was forwarded to the Print Shop. I hope you will accept my personal apology for the human error which caused them to be left off in the final production.

In order to avoid just such a happening, we had made special arrangements with the typesetter in the DOT Print Shop and had obtained a particular type of lettraset which could be used to place accents where necessary. A recent reorganization of the Print Shop staff, however, resulted in the typesetter, with whom these arrangements had been made, leaving the staff.

I have discussed the matter with the Print Shop staff, Mr. Ed Lloyd, Manager, Media and Technical Services and Mr. Ted Sawchuk, Director, General University Services to see what steps might be taken to avoid a reoccurrence. I have been assured that orders will be placed this week for new fonts for the typesetting machine so that in future we will not have to rely on the lettraset method.

Thank you for your continued interest in Around the Ring.

Sincerely,

Maurice N. Cownden, Director
University Relations

MNC:bb

cc. Dr. H.E. Farquhar
Mr. Ed Lloyd
Mr. Ted Sawchuk

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